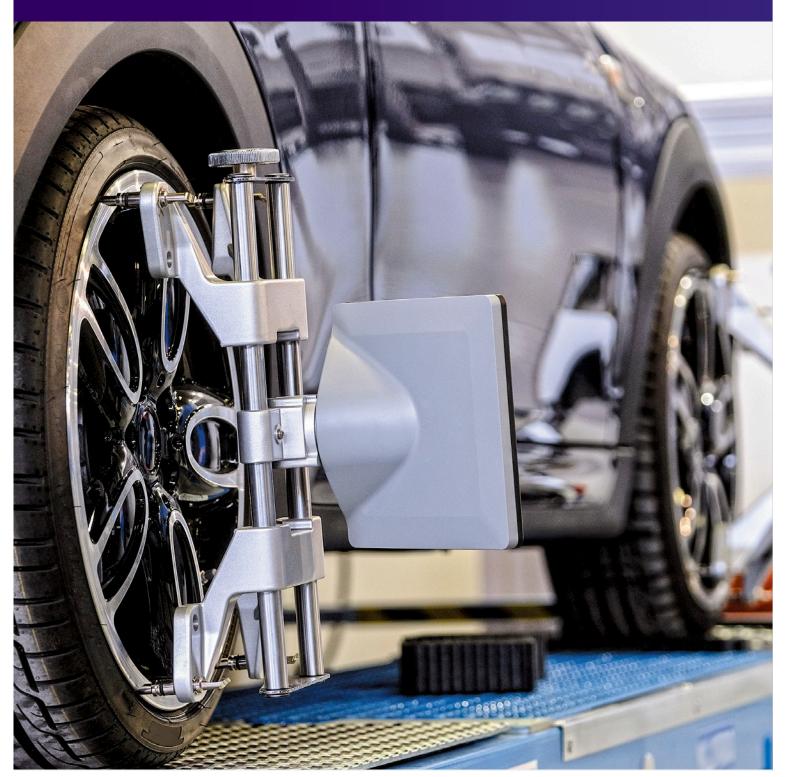
Alignment •

Camber/Caster Tools | Light Truck/SUV Alignment Tools Heavy Duty Truck Alignment Tools | Automotive Alignment Equipment



Passenger Car & Light Truck Assortment Board Sets



Alignment Tool Assortment Sets

LIGHT TRUCK/SUV SLEEVE ASSORTMENT BOARD SET

■ This great new board set includes the most popular parts for aligning today's trucks and SUVs. Don't be caught without the part that you need

Shipped with the polymer display board



251-88270

ASCOT NO. MFG. NO. DESCRIPTION 251-88270 88270 Light Truck/SUV Sleeve Assortment Board

	BOARD INCLUDES ONE EACH OF THE FOLLOWING:
26012	JEEP CAMBER SHIMS: 2 each of +.5° and +1.0° to correct camber on WJ, KJ & JK
26014	JEEP CAMBER SHIMS: 2 each of +.5° and +1.0° to correct camber on WJ, KJ & JK
82380	JEEP PINION ANGLE ADJUSTERS: For TJ Series Jeeps, Grand Cherokees and Ram Trucks. (1)
82385	DODGE 4X4 CASTER CAMS: Camber/Pinion cams for 3/4 and 1-ton sold axle Dodges. (1)
82390	JEEP JK CAMS: Camber/Pinion cams for the popular JK Wrangler. (1
86250	FORD F150 CAMBER/CASTER CAM BOLT KIT: Front kit for the 2004 & Up F150s. (2)
86325	GM 1/2 & 3/4-TON ALIGNMENT PINS: For 2002 & Up C & K 1500, 2500 and 3500's. (1)
86350	GM 1500 FRONT ARM BUSHINGS: Offset control arm bushings get +/- 1.0° camber. (1)
86375	GM FRONT ALIGNMENT KIT: For 2002 & Up C & K 1500, 2500, 3500 & Express Vans. (1)
87385	FORD F150 FRONT CAMBER: Cam bolt assemblies for 1997-2003 F150s and F250 (LDs). (1)
87420	GM REAR CAM NUT: Cams for 2005 & Up Theta platforms, including Suzuki XL-7's. (2)
87500	FORD EXPLORER FRONT CAMBER/CASTER KIT: For 1995-2001 Explorers, 1998 & Up Rangers. (1)
87520	NISSAN CAMBER/CASTER KIT: For 2004 & Up Titan and 2005 & Up Pathfinder, Xterra. (2)

PASSENGER CAR ASSORTMENT BOARD SET

includes the most popular shims, cam kits and adjustable strut plates • A "must have" for any shop performing 4 wheel alignments on passenger cars Shipped with high-strength polymer

display board

Board set



ASCOT NO.	MFG. NO.	DESCRIPTION
251-88260	88260	Passenger Car Assortment Board Set

	BOARD INCLUDES ONE EACH OF THE FOLLOWING:
66050, 66025	CHRYSLER/DODGE BUSHING & BUSHING PRESS ADAPTERS: Everything you need to adjust rear camber on the popular Chrysler X platform. 2 sets included
66037	CHRYSLER LX CAMBER/CASTER CAM: Adjusts front alignment angles. 2 cams included
72055	INFINITI/NISSAN REAR CAM BOLT KIT: For setting camber and toe on a variety of popular Infinitis and the 350Z. 1 set included
81250	EZ CAMS XR™: Camber kits for domestic and imported vehicles with two bolt non-slotted struts. 12mm. 1 kit included. Each kit contains two cam bolt assemblies, enough for both sides of the vehicle.
81260	EZ CAMS XR™: Camber kits for domestic and imported vehicles with two bolt non-slotted struts. 14mm. 2 kits included. Each kit contains two cam bolt assemblies, enough for both sides of the vehicle.
81270	EZ CAMS XR™: Camber kits for domestic and imported vehicles with two bolt non-slotted struts. 15mm. 1 kit included. Each kit contains two cam bolt assemblies, enough for both sides of the vehicle.
81280	EZ CAMS XR™: Camber kits for domestic and imported vehicles with two bolt non-slotted struts. 16mm. 1 kit included. Each kit contains two cam bolt assemblies, enough for both sides of the vehicle.
81290	EZ CAMS XR™: Camber kits for domestic and imported vehicles with two bolt non-slotted struts. 17mm. 1 kit included. Each kit contains two cam bolt assemblies, enough for both sides of the vehicle.
84120	HYUNDAI/KIA REAR CAMBER BOLT KIT: Easy to install camber kits for Sedonas and Entourages. 2 kits included
87365	FORD, MERCURY, LINCOLN FRONT CAMBER ADJUSTMENT BOLT. 2 kits included





EZ-Shims™, EZ-CAM™ XR Camber Kits, Camber Arm, EZ Arm

Camber/Caster Tools

FULL CONTACT DUAL ANGLE EZ SHIMS™

- Full contact/dual angle
- Corrects toe and camber with one shim
- Total of three shims cover most shimable FWD vehicles • ESTIMATED

INSTALLATION

TIME: .5/hr. side



ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
221-75200	75200	Blue	Audi, Chevrolet/Geo, Chrysler, Dodge, Eagle, Isuzu, Plymouth, Volkswagen
221-75400	75400	Grey	Acura, Audi, Buick, Chevrolet, Chrysler, Dodge, Ford, Honda, Mercury, Nissan, Oldsmobile, Plymouth, Pontiac
221-75600	75600	Yellow	Buick, Cadillac, Chevrolet, Chrysler, Geo, Olds, Pontiac, Scion, Toyota, VW
221-75800	75800	Red	Buick, Cadillac, Chevrolet, Geo, Lexus SP, Oldsmobile, Pontiac, Toyota

FOCUS, MAZDA 3, CELICA CAMBER ARM

These high strength forged rear arms are perfect for tuners or installers that need extended camber ranges on these popular platforms ■ Complete with OE style bushings installed for a factory type ride

225-	67420

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
225-67420	67420	Focus, Mazda 3 Camber Arm	FORD: 2000 & Up Focus; MAZDA: 2004 & Up Mazda 3, 2006 & Up Mazda 5; VOLVO: 2004 & Up S40, 2004 & Up V50 67440; TOYOTA: 2000 - 05 Celica
225-67440	67440	Toyota Celica Camber Arm	CELICA: - 2000 to 2005

HONDA, ACURA EZ ARM

■ These rear arms are for Accords, Pilots and more • An O.E. ball joint is integrated into this arm

Perfect for stock height and lowered vehicles

225-67290

Call for

current

application charts

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
225-67290	67290	Honda, Acura EZ Arm	ACURA: 2001 & Up MDX, 2003 & Up TSX; HONDA: 2003 & Up Accord, 1999 - 04 Odyssey, 2003 & Up Pilot

EZ-CAM™ XR - CAMBER KITS FOR DOMESTIC/IMPORT TWO BOLT STRUTS (PAIR)

■ Designed for non-slotted struts - Allows both positive and negative camber changes up to approximately 1.75° (depending on vehicle) by replacing the upper O.E. strut/ spindle bolt • Easy to use adjuster provides built-in adjustment over the life of a vehicle just by rotating the head of the bolt • EACH KIT CONTAINS: Two cam bolt assemblies, enough for

both sides of the vehicle • ESTIMATED

INSTALLATION TIME: .4 hr/side





WARNING: For more informa.

Camber/Caster Tools (cont.)

FORD 4WD CAMBER/CASTER SLEEVE SET

 Change camber, caster or both at the same time. Remove the tire, cotter pin and upper ball joint stud nut and break the taper free between the stud and sleeve ■ To adjust camber/caster, the sleeve may be lifted and rotated 1/8 turn • Sized in 1/4° increments through 2° • One sleeve covers one side of the



vehicle • ESTIMATED INSTALLATION TIME: .5 hr/side 231-23100

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-23100	23100	Complete Set	FORD 4WD: 1980 & Up F250, F350, E250, E350, Full Size Bronco w/Ball Joints, 1980-96 F150, F250 (L/D)

SET CONTENTS:

ASCOT NO. FOR SPECIALTY	SPECIALTY NO.	ASCOT NO. FOR INGALIS	INGALLS NO.	TOTAL	CHANGE
231-23101	23101	231-66501	I-23101	.25°	(1/4°)
231-23102	23102	231-66502	I-23102	.50°	(1/2°)
231-23103	23103	231-66503	I-23103	.75 °	(3/4°)
231-23104	23104	231-66504	I-23104	1.00°	(1°)
231-23105	23105	231-66505	I-23105	1.25°	(1-1/4°)
231-23106	23106	231-66506	I-23106	1.50°	(1-1/2°)
231-23107	23107	231-66507	I-23107	1.75°	(1-3/4°)
231-23108	23108	231-66508	I-23108	2.00°	(2°)
231-23109	23109	231-66509	I-23109	0.00°	(0°)
231-23111	23111*	231-66511	I-23111	2.25°	(2-1/4°)
231-23112	23112*	231-66512	I-23112	2.50°	(2-1/2°)
231-23113	23113*	231-66513	I-23113	2.75°	(2-3/4°)

FORD & DODGE CAMBER/ **CASTER SLEEVE SET**

Sleeves change camber, caster or both at the same time - Remove the upper ball joint stud nut and break taper free between the stud and sleeve

 Calculate the change and install correct sleeve ■ Sized in 1/4° increments

One sleeve covers one side of the vehicle

■ ESTIMATED INSTALLATION TIME: .5 hr/side

231-23130

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-23130	23130	Complete Set	DODGE: 1994-99 BR2500 4WD, BR3500 2WD/4WD Ford 4WD: 1992 & Up F350 Crew Cab Pickup, Some F250 4WD w/Straight Axle, 1999 & Up Super Duty 250, 350, 450, 550

SET CONTENTS:

ASCOT NO.	MFG. NO.	TOTAL	CHANGE
231-23131	23131	.25°	(1/4°)
231-23132	23132	.50 °	(1/2°)
231-23133	23133	.75°	(3/4°)
231-23134	23134	1.00°	(1°)
231-23135	23135	1.25°	(1-1/4°)
231-23136	23136	1.50°	(1-1/2°)
231-23139	23139	1.75°	(1-3/4°)
231-23128	23128	2.00°	(2°)
231-23129	23129	0.00°	(0°)

CAMBER/CASTER TERMS & DEFINITIONS

ALIGNMENT TERMS for CAMBER

DEFINITION	Inward or outward tilt of the top of the wheel
PURPOSE	Adjustment centers the vehicle's load on tire, eliminating pull. Proper adjustments reduce camber tire wear and pulling
METHODS OF ADJUSTMENT	(1) Shims; (2) Cams; (3) Slotted Frame; (4) Strut Rod; (5) Wedges; (6) Ball Joint Rotation; (7) Offset Bearing Plates; (8) Cam Bolts; (9) Eccentrics; (10) Offset Ball Joints
0 CAMBER	When wheel and tire assembly are

in exact vertical position POS. When the top of the wheel and tire assembly

The top of the wheel and tire assembly NEG. CAMBER is tilted in toward the engine

is tilted out, or away from the engine

ALIGNMENT TERMS for CASTER

DEFINITION	The forward or backward tilt of the upper ball joint,
	or top of the strut, relative to the lower ball joint

PURPOSE Caster affects steering stability and steering wheel returnability

(1) Shims; (2) Cams; (3) Slotted Frame; (4) Strut **METHODS OF ADJUSTMENT** Rod; (5) Strut Rotation; (6) Cradle Movement; (7) Offset Ball Joint; (8) Sliding Ball Joint

0 CASTER The upper ball joint or top strut bearing and lower ball joint are in the same plane as viewed from the side of the vehicle

POS. CASTER The upper ball joint or top strut bearing is toward the rear of the vehicle in relation to the lower

ball joint as viewed from the side of the vehicle

The upper ball joint or top strut bearing is toward the front of the vehicle in relation to the lower ball joint as viewed from the side of the vehicle



CAMBER

NEG. CASTER



■ Light Truck/SUV Camber/Caster Sets

23220 & 23230 SLEEVE SETS

• Ford changed the axle design in 2005 on their Heavy Duty trucks. These sleeves correct camber and caster on the new 4x4 F250 and F350 Super Duty trucks





231-23220

231-23230

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-23220	23220	Complete Set	FORD 4WD: 2005 & Up F250, F350 Super Duty; FORD RWD: 2005 & Up F250, F350 Solid Axle/Coil Spring
231-23230	23230	Complete Set	FORD RWD/4WD: 2005 & Up F450, F550 Coil Springs; CHEVY/GMC 4WD: 2005 & Up Kodiak K4500, Topkick K5500

SET CONTENTS:

ASCOT NO.	MFG. NO.	CAMBER	CHANGE
	231-2	23220	
231-23221	23221	.25°	(1/4")
231-23222	23222	.50°	(1/2")
231-23223	23223	.75°	(3/4")
231-23224	23224	1.00°	(1")
231-23225	23225	1.25°	(1-1/4")
231-23226	23226	1.50°	(1-1/2")
231-23227	23227	1.75°	(1-3/4")
231-23228	23228	2.00°	(2")
231-23229	23229	0.00°	(0")
231-23211	23211	2.25°	(2-1/4")
231-23212	23212	2.50°	(2-1/2")
	231-2	23230	
231-23231	23231	.25°	(1/4")
231-23232	23232	.50°	(1/2")
231-23233	23233	.75°	(3/4")
231-23234	23234	1.00°	(1")
231-23235	23235	1.25°	(1-1/4")
231-23236	23236	1.50°	(1-1/2")
231-23237	23237	1.75°	(1-3/4")
231-23238	23238	2.00°	(2")
231-23239	23239	0.00°	(0")

FORD 2 & 4WD CAMBER/ **CASTER TRUCK SLEEVES**

Sleeves are widely used to adjust caster and/or camber on many Ford 2WD/4WD trucks ■ To install, simply loosen and remove upper ball joint pinch bolt. Remove top snap ring if one is present ■ Sleeves allow for larger caster and camber changes which may be required on lowered and raised

trucks • SET INCLUDES: Nine of the XRTM Camber/Caster truck sleeves



231-23180

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-23180	23180	Complete Set	FORD 2WD:1987 & Up F350, 1987-96 F150, F250 (L/D), 1989-90 Bronco II, 1992 & Up E150, E250, E350, 1991-94 Explorer, 1989-97 Ranger, 1999 & Up F250, F350 Super Duty; MAZDA 2WD:1991-97 Navajo, Pickup; Ford 4WD:1991-94 Explorer, 1990-97 Ranger; MAZDA 4WD:1991-97 Navajo, Pickup

SET CONTENTS:

ASCOT NO. FOR SPECIALTY	SPECIALTY NO.	ASCOT NO. FOR INGALIS	INGALLS NO.	2WD ADJ. TOTAL CHANGE	4WD ADJ. TOTAL CHANGE
231-23181	23181	231-56501	I-23181	.25° (1/4°)	.20°
231-23182	23182	231-56502	I-23182	.50° (1/2°)	.40 °
231-23183	23183	231-56503	I-23183	.75° (3/4°)	.60°
231-23184	23184	231-56504	I-23184	1.00° (1°)	.75 °
231-23185	23185	231-56505	I-23185	1.25° (1-1/4°)	.90°
231-23186	23186	231-56506	I-23186	1.50° (1-1/2°)	1.10°
231-23187	23187	231-56507	I-23187	1.75° (1-3/4°)	1.25°
231-23188	23188	231-56508	I-23188	2.00° (2°)	1.40°
231-23189*	23189	231-56509	I-23189	2.25° (2-1/4°)	1.60°
231-23190*	23190	231-56510	I-23190	2.50° (2-1/2°)	1.80°
231-23191*	23191	231-56511	I-23191	2.75° (2-3/4°)	2.00°
231-23192*	23192	231-56512	I-23192	3.00° (3°)	2.25°
231-23193*	23193	231-56513	I-23193	3.25° (3-1/4°)	2.50°
231-23194*	23194	231-56514	I-23194	3.50° (3-1/2°)	2.75°
231-23199	23199	231-56500	I-23199	0°	0°

* Extended range sold separately.





Light Truck/SUV Camber/Caster Sets



Camber/Caster Tools (cont.)

F150/250 (L/D) 2/4WD CAMBER/CASTER KIT

- Used to change caster and/or camber on the new F150, F250 (L/D), Expedition and Navigator ■ Replace the existing upper control arm mounting bolts with these cam bolts for caster/camber changes up to 2.0°
- One kit covers both sides of the vehicle
- ESTIMATED INSTALLATION TIME: .5 hr/side



ASCOT NO. FOR SPECIALTY	SPECIALTY NO.	ASCOT NO. FOR INGALIS	INGALLS NO.	DESCRIPTION	APPLICATIONS
231-87385	87385	231-00290	I-87385	F/150/250, 2/4WD Camber Caster Kit	FORD: 1997-03 F150, F250 (L/D), 1997- 02 2WD & 4WD Expedition; LINCOLN: 1997-02 2WD & 4WD Navigator

GM 2WD & 4WD CAMBER/CASTER KIT

- Replaces the upper control arm mounting **bolts** • Remove the O.E. bolts and replace with these cams, rotating them to provide up to 2° camber and/or caster adjustment
- One kit covers both sides of the vehicle
- ESTIMATED INSTALLATION TIME: .5 hr/side

231-87400

NO. FOR SPECIALTY	SPECIALTY NO.	ASCOT NO. FOR INGALIS	INGALLS NO.	DESCRIPTION	APPLICATIONS
231-87400	87400	231-00288	I-87400	GM 2/4WD Camber Caster Kit	GM: 1988-99 1500, 2500, 3500 C & K series 2WD/4WD trucks, 1990 & up Safari AWD Van; CHEVROLET: 1990 & up Astro AWD Van

GM 2WD & 4WD CAMBER/CASTER KIT

Kit will provide up to 2° positive or negative camber/caster adjustment ■ Replace the O.E. upper control arm mounting bolts with the #87500 cam bolts for fast and efficient adjustment • One kit covers both sides of the vehicle • ESTIMATED INSTALLATION TIME: .5 hr/ side passenger side; .7 hr/side driver side



ASCOT NO. FOR SPECIALTY	SPECIALTY NO.	ASCOT NO. FOR INGALIS	INGALLS NO.	DESCRIPTION	APPLICATIONS
231-87500	87500	231-00286	1-87500	Ford Explorer Camber/ Caster Set	FORD: 1995-01 2WD & 4WD Explorer, 1998 & up 2WD & 4WD Ranger; MERCURY: 1995-01 2WD & 4WD Mountaineer; MAZDA: 1998 2WD & 4WD B-Series Pickup

THRUST ALIGNMENT PLATES

Allows for corrections of setback and thrust angle on most vehicles with rear leaf

231-63020

springs ■ Install by loosening the U-bolts holding the leaf spring to the axle, installing the alignment plate between the axle and leaf spring and re-tightening the U-bolts ■ Kit includes multiple parts to provide coverage of most vehicles with rear leaf springs, including all early model passenger cars ■ One kit covers one side of the vehicle • ESTIMATED

INSTALLATION TIME: .3 hr/side = NOTE: Allow extra time for rusted bolts - new, longer U-Bolts may be required

ASCOT NO.	MFG. NO.	DESC.	APPLICATIONS
231-63020	63020	2-3/8" Width	Vehicles with 2-3/8" wide to 2-3/4" wide leaf springs including 60mm, 65mm and 70mm leaf springs of import trucks; all passenger vehicles with rear leaf springs
231-63030	63030	3" Width	Vehicles with 3", 3-1/2" and 3-5/8" wide leaf springs including 80mm, 90mm and 100mm wide leaf springs

EXPLORER CAMBER/ **CASTER KIT**

Set of 4 cams for quick installation without having to remove

the upper control arm **bolt** ■ Change camber and caster

up to ±1.75° ■ One kit covers both sides of the vehicle • ESTIMATED

INSTALLATION TIME: .3 hr/side

ASCOT NO.	MFG. NO.	DESC.	APPLICATIONS
231-87310	87310	Explorer Camber/ Caster Kit	FORD: 1995-01 2WD & 4WD Explorer, 1998-02 2WD & 4WD Ranger; MERCURY: 1995-01 & up 2WD & 4WD Mountaineer; MAZDA: 1998 2WD & 4WD B-Series Pickup



231-87310



■ Light Truck/SUV Camber/Caster Sets

JEEP AND DODGE **OFFSET BALL JOINT**

 Offset ball joint replaces the O.E. upper ball joint to provide up to 2° camber/caster change on several previously non-adjustable Jeep and Dodge vehicles ■ Comes with an installation template for accurate change



ASCOT NO.	MFG. NO.	DESCRIPTION
237-23510	23510	1/2° Positive Or Negative Change
237-23520	23520	1° Positive Or Negative Change
237-23530	23530	1-1/2° Positive Or Negative Change
237-23540	23540	2° Positive Or Negative Change

APPLICATIONS

JEEP: 1984 & up 2WD/4WD Cherokee, Comanche, 1987 & up Wrangler; 1990 & up Renegade, 1984 & up 2WD/4WD downsize Wagoneer; 1993 & up Grand Cherokee, DODGE: 1994 -2001 BR1500 4WD & BR2500 (L/D) Pickups

BALL JOINT PRESS SLEEVES

These specially designed sleeves make installation of the #23510-40 ball joints easy and profitable for the installer • Sleeves are designed to match the angle of the voke on the axle housing to insure proper ball joint



ASCOT NO.	MFG. NO.	DESCRIPTION
231-23580	23580	Bushing Sleeves For Ball Joints 23510, 23520, 23530, 23540

DODGE TRUCK CAMBER/ **CASTER KITS**

Heavy duty bolts and brackets replace the upper control arm mounting bolts giving you both camber and caster adjustments for this popular series of **Dodge trucks** ■ Caster adjustments from -1.5° to +1.5° and camber adjustments from -1.0° to +1.0° • KIT INCLUDES: 4 cam and bolt sets to cover both sides of the vehicle



23	1-	2	3	7	5	

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-23755	23755	Dodge Camber/ Caster Kit, 4 Wheel Drive	DODGE: 2002 & Up 1500 Series - 4 Wheel Drive
231-23765	23765	Dodge Camber/ Caster Kit, 2 Wheel Drive	DODGE: 2002 & Up 1500 Series - 2 Wheel Drive

FORD PINCH BOLT AXLE ADJUSTABLE BUSHING

■ Camber adjustment up to +/- 2-1/2° on full size and 1-3/4° on downsize

ESTIMATED INSTALLATION

TIME: .5 hours per side

■ 1 bushing per wheel





ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-00594	59400	Ford Pinch Bolt Axle Adjustable Bushing	FORD: 1989-1990 2WD and 4WD Bronco II; 1989-1997 2WD and 4WD Ranger; 1991-1994 2WD and 4WD Explorer; 1992-1999 2WD E150, E250, E350; 1987-1996 2WD F150; 1987-2000 F250 and F350; MAZDA: 1994-1999 Pickup; 1991-1994 Navaio

FORD F150 KIT

■ This innovative cam nut and sturdy bracket saves time and money! • Easily adjust camber and caster on F150s from '04 and up (including late model) and '07 & up Expeditions

Save time since you don't have to remove the O.E. bolt or stabilizer bar, the sturdy guide bracket allows for live adjustment



231-86250

■ This product is a must have every time these vehicles enter your shop!

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-86250	86250	Ford F150 Kit	FORD: 2004 & Up F150, 2007 & Up Expedition; LINCOLN: 2006 & Up Mark LT, 2007 & Up Navigator

HONDA/ACURA ADJUSTABLE FRONT CAMBER KIT

- 223-03570 and 223-03572 equipped with polyurethane for performance vehicles • 223-03571 and 223-03573 with O.E. style rubber bushing for factory-like ride
- **ESTIMATED INSTALLATION TIME:** .5 hours per side ■ 1 kit per wheel

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223-03570

ASCOT NO.	MFG. NO.	DESCRIPTION
223-03570	35700	Polyurethane Bushings, -5/8° To +1°
223-03571	35710	Rubber Bushings, -5/8° To +1°
223-03572	35720	Polyurethane Bushings, +1-1/4° To 3°
223-03573	35730	Rubber Bushings, +1-1/4° To 3°

APPLICATIONS

ACURA: 1990-2000 Integra; 1991-1995 Legend; 1992-1994 Vigor; 1996-2000 Acura 3.5 RL; 1997-1999 Acura 3.0 CL; 1996-2000 Acura 3.2 TL; 1995-1998 Acura 2.5 TL; **HONDA**: 1988-1991 CRX; 1988-1995 Civic; 1993-1997 Del Sol; 1990-1997 Accord; 1992-1996 Prelude; 1995-1998 Odyssey; 1992-2000 Prelude (Rear); IZUZU: 1996-1998 Oasis

➡ Light Truck/SUV Camber/Caster Sets



Camber/Caster Tools (cont.)

CHRYSLER, DODGE, MITSUBISHI AND EAGLE ADJUSTABLE FRONT **CAMBER KIT**

■ 223-03575 and 223-03577 equipped with polyurethane for performance vehicles • 223-03576 and 223-03578 with O.E. style rubber bushing for factory-like ride **ESTIMATED INSTALLATION**

TIME: .5 hours per side ■ 1 kit per wheel



ASCOT NO.	MFG. NO.	CAMBER RANGE	APPLICATIONS
223-03575	35750	Polyurethane Bushings, -3/4° To 1°	CUDVCI FD: 1005 2000
223-03576	35760	Rubber Bushings, -3/4° To 1°	CHRYSLER: 1995-2000 Sebring (exc. Convertible); DODGE: 1995-2000 Avenger;
223-03577	35770	Polyurethane Bushings, +1-1/4° To 3°	EAGLE: 1995-1998 Talon; MISTUBISHI: 1995-1999 Eclipse; 1999-2000 Galant
223-03578	35780	Rubber Bushings, +1-1/4° To 3°	

HONDA/ACURA EZ ARM XR™

■ ESTIMATED INSTALLATION TIME: .5 hours

ASCOT NO.	MFG. NO.	ADJUSTMENT RANGE	APPLICATIONS
226-67030	67030	-2.00° To +3.40°	ACURA: Integra; HONDA: Civic, Del Sol, CRV, CRX
226-67230	67230	-4.00° To +6.00°	2001 and up Civic 226-67030

HYUNDAI/KIA REAR EZ ARM XR™

■ These adjustable rear upper control arm and toe cam kits, for many Hyundai and Kia models, will provide up to ±2º camber and toe change = REAR **ADJUSTMENT RANGE: Camber and Toe** ±2.00° ■ ESTIMATED INSTALLATION TIME:



ASCOT NO.	MFG. NO.	DESCRI
226-67410	67410	Hyunda Kia Rea

ır EZ Arm XR™

APPLICATIONS

HYUNDAI: 2007 & Up Elantra; KIA: 2007 & Up Optima, 2007 & Up Rondo

HONDA EZ ARM XR™

- Adjustment range: -2.00° to +4.00°
- ESTIMATED INSTALLATION TIME: .8 hours
- NOTE: An O.E. style ball joint is integrated in this arm



ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
226-67090	67090	Honda/Acura EZ Arm XR™	HONDA: 1998-2002 Accord; ACURA: 2001 3.2CL, 1999-2002 3.2TL 1996 & Up 3.5RL
226-67290	67290	Honda EZ Arm XR™	ACURA: 2001-06 MDX, 2004-08 TSX; HONDA: 2003-07 Accord, 1999-04 Odyssey, 2003-08 Pilot

HONDA FRONT CAMBER/ CASTER CONTROL ARM

- O.E. style control arm now makes it possible to adjust camber and caster on newer Honda Civics
- Arm may be used on vehicles that have retained their stock ride height and vehicles that have been lowered for performance and appearance



ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
222-62010	62010	Honda Front Camber/Caster Control Arm	HONDA: 1996-2000 Civic

ADJUSTABLE UPPER CON

■ Cam -1° to INSTA

per sid AS

NO MEC NO	DECCRIPTION	ADDITIONS	
de ■ 1 control ar	m per wheel	236	-00100
ALLATION TIME:	: .8 hours		
+ 4° ■ ESTIMAT	ED	(3)	
nber adjustment	from		
ITROL ARM			
ITPOL ABA			- 40

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
236-00100	CA100	Adjustable Upper Control Arm	HONDA: 1996-2000 Civic, 1997-2000 CRV







■ Light Truck/SUV Camber/Caster Sets

CHRYSLER/DODGE FRONT CONTROL ARM

Adjustable arm fits popular **Dodge and Chrysler vehicles**

Provide both caster and camber changes • Easy to install and adjust • Tubular design

incorporates low-profile adjustable ball joint • Arms fit both the right and left side - Camber adjustment ± 2.0 degrees ■ Caster adjustment ± 1.5 degrees ■ ESTIMATED

DESCRIPTION

Control Arm

Chrysler/ Dodge Front

INSTALLATION TIME: .6 hours per side ■ 1 per wheel required

ASCOT NO.	MFG. NO.
222-66040	66040
222-66045	66045
222-66047	66047

APPLICATIONS

CHRYSLER: 2005-2008 300 RWD; DODGE: 2006 - 2008 Challenger, 2006 - 2008 Charger RWD, 2005 - 2008 Magnum RWD

222-66040

CHRYSLER: 2009 & Up 300; DODGE: 2009 & Up Challenger, 2009 & Up Charger RWD

CHRYSLER: 2005 & Up 300 RWD; DODGE: 2006 & Up Charger AWD. 2005 - 2008 Magnum AWD

HONDA CIVIC REAR ADJUSTABLE CONTROL ARM

Remove and replace your factory rear upper control arm with SPC's adjustable arm 222-67467 to make rear camber changes on your 10th generation Civic ■ SPC's unique adjustment design permits on car adjustment of ±3.0° camber and is adjustable for life - SPC's forged steel design adds adjustment to the arm without a weight penalty vs. the OE arm it will replace • Whether you need negative camber for the track, want to get back to OE specifications after lowering, or need adjustment on a stock vehicle this is the arm for you ■ REAR ADJUSTMENT RANGE: Camber ± 3.0 degrees ■ ESTIMATED **INSTALLATION TIME:** .5 hours per side ■ 1 per wheel required

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
222-67467	67467	Honda Civic Rear Adjustable Control Arm	2016 & Up Honda Civic (Incl. Si/Hybrid)

LOWER CONTROL ARM CAMBER KIT

Install this cam and guide kit to guickly and accurately dial in the alignment angles on 2011 and newer Grand **Cherokees and Dodge Durangos**

• Even with the suspension loaded, this kits makes changes of up to +/-1.5 degree camber/caster fast and easy

ASCOT NO. MFG. NO. DESCRIPTION 223-82360 82360 Lower Control Arm Camber Kit



REAR ADJUSTABLE LOWER **CONTROL ARM**

■ This hi-strength adjustable lower rear camber arm provides ± 2.0 degrees of change for the popular BRZ, FR-S, WRX and Impreza

• Get the ultimate in performance and handling with this stamped arm featuring our new xAxis(TM) Sealed Flex Joint which performs like a pillow joint but lasts like an OE joint ■ This kit is easy to adjust with a cam located at the outboard end of the arm

■ SPC's control arm is the only kit on the market to include an offset toe bushing to increase the range of your factory toe cam If you need more toe range consider SPC's toe arm #67655 ■ REAR ADJUSTMENT RANGE: Camber ± 2.0°, Toe 1.5° fixed

■ ESTIMATED INSTALLATION TIME: .5 hours per side

■ 1 per wheel required ■ **RECOMMENDED TOOLS**: 67647 Bushing Sleeves, 72509 Ball Joint Press

DESCRIPTION ASCOT NO. MFG. NO. 222-67660 67660 Rear Adjustable Lower Control Arm

DODGE CASTER / PINION ANGLE CAM

Replace the non adjustable or corroded OE bolts on Dodge 3/4 and 1-ton trucks to get ±1.5 degree of caster and pinion angle change

Whether the truck is lifted or stock ride height, optimize caster and pinion angles for better tracking and axle/drive shaft position



222-67660

ASCOT NO. MFG. NO. 222-82395 82395 Dodge Caster / Pinion Angle Cam

NISSAN CAM BOLT KIT

■ These cams are designed to install in the lower control arms for camber and caster adjustment - Replace the original non-adjustable lower control arm bolts • FRONT ADJUSTMENT RANGE: Camber/Caster ±2.00 degree ■ ESTIMATED INSTALLATION TIME: .3

hours per side • 1 kit per wheel required







Light Truck/SUV Camber/Caster Sets

Camber/Caster Tools (cont.)



TOYOTA BOLT KIT

■ This Cam Bolt Kit is a replacement kit for the OE adjusters ■ The OE bolts on Toyota trucks and SUV's are frequently "frozen" and do not allow for adjustment Remove the frozen bolt assembly and replace it with an SPC cam kit to get up to ± 1-1/2 degree camber and caster change • OE adjuster assemblies that are severely corroded may require SPC's press tool 40915 for removal, making the job quick and easy • FRONT ADJUSTMENT RANGE: Camber/ Caster ± 1.50 degree ■ ESTIMATED INSTALLATION

TIME: .3 hours per side • 1 kit per wheel required



Toyota Bolt Kit

ASCOT NO.	MFG. NO.	FRONT ADJUSTMENT RANGE	APPLICATIONS
222-25430	25430	+/- 1.50°	TOYOTA 4WD: 1995-04 Tacoma; TOYOTA RWD: 1998-04 Tacoma PreRunner; TOYOTA 4WD&RWD: 1996-02 4-Runner
222-25435	25435		LEXUS AWD: 2003-09 GX; TOYOTA RWD: 2005 & up Tacoma PreRunner; TOYOTA 4WD: 2005 & Up Tacoma; TOYOTA 4WD&RWD: 2007-09 FJ Cruiser, 2003-09 4Runner
222-25440	25440		LEXUS AWD: 2010 & Up GX; TOYOTA 4WD&RWD: 2010 & Up FJ Cruiser, 2010 & Up 4Runner
222-25445	25445		TOYOTA: 01-07 Sequoia, 99-06 Tundra

Please contact us for more information regarding **CAMBER/CASTER TOOLS**





DODGE AND CHRYSLER SUV ADJUSTABLE REAR CAMBER ARM

Allows for positive or negative rear toe adjustments where no OE adjustments are available • Hexed turnbuckle design for fast and easy adjustments Includes OE style bushings - COMPATIBLE VEHICLES INCLUDE: Chrysler 200 (2011-2014), Dodge Avenger (2011-2014), Dodge Journey (2011-2020) • ADJUSTMENT RANGE: ± 4 degree • QUANTITY: Each SIDES ADJUSTED: 1



ASCOT NO. 222-62176

MFG. NO.

46-2176

DESCRIPTION

Dodge and Chrysler SUV Adjustable Rear Camber Arm

FRONT GREASEABLE CAMBER/ CASTER CAM BOLT KIT

- GM Greasable replacement bolt kit with Quick Cams is a direct replacement and will restore the factory adjustment ■ On many models this kit will greatly improve accesibility for easy adjustment
- Greasable allowing for ease of future adjustment
- **QUANTITY:** Kit **ADJUSTMENT RANGE:** ± 1.5 degree Camber/Caster ■ SIDES ADJUSTED: 2



ASCOT NO. 223-44831

MFG. NO.

44-831

Front Greaseable Camber/Caster Cam Bolt Kit

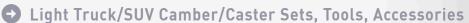
DESCRIPTION

APPLICATIONS

CHEVROLET COLORADO: 2015-2020; CHEVROLET SILVERADO HD 2500/3500 2WD/4WD: 2011-2020; **GMC CANYON:** 2015-2019; GMC SIERRA HD 2500/3500 2WD/4WD: 2011-2019







UPPER CONTROL ARM W/ ADJUSTABLE BALL JOINT

- Quick and easy replacement of OE control arm
- GREASEABLE ball joint design for extended durability - Adjustable ball joint allows for continuous future adjustments ■ OE style control arm • Fits both Left and Right sides of vehicle
- ADJUSTMENT RANGE: ±3° Camber, ±1.5° Caster
- QUANTITY: Each = SIDES ADJUSTED: 1



AS	COT	NO.
23	6-42	727

MFG. NO. 44-2727

DESCRIPTION

Upper Control Arm w/ Adjustable Ball Joint

APPLICATIONS

CHEVROLET SILVERADO: 2500HD/3500 2011-2016; GMC SIERRA: 2500HD/3500 2011-2016

ADJUSTABLE UPPER CAMBER BALL JOINT

Change camber with a simple turn of the ball stud! • GREASEABLE • ADJUSTMENT RANGE: ±1° • QUANTITY: Each • SIDES ADJUSTED: 1



ASCOT NO. 237-42496

MFG. NO.

44-2496

DESCRIPTION Adjustable Upper Camber Ball Joint

APPLICATIONS

DODGE RAM: 2500/3500 4WD 2000-2002 DODGE RAM: 2500-3500 4WD 2003-2005 (old body style)

ADJUSTABLE REAR GREASEABLE CAMBER ARM

 Allows for rear camber adjustments where no OE adjustments are available • GREASEABLE design for longer life - ADJUSTMENT RANGE: ±2° • QUANTITY: Each



■ SIDES ADJUSTED: 1

ASCOT NO. 226-62196

MFG. NO. 46-2196

DESCRIPTION Adjustable Rear

Greaseable Camber Arm **APPLICATIONS**

ACURA MDX: 2007-2013; HONDA PILOT: 2009-2015

AXIS CAM CAMBER ADJUSTING BOLT SYSTEM

Makes non-adjustable vehicles fully adjustable for camber • Unique design allows fast and easy "on-vehicle" adjustments ■ Works with OE bolt system ■ No cutting, drilling or modifications of any kind • Makes vehicle permanently adjustable for camber • Bolt head marked + and - for easy orientation - All sizes made from grade 12.9 high-strength steel - Just 6 part numbers fit all vehicles with strut-to-knuckle mounting bolts - ADJUSTMENT RANGE: ± 1.75 • QUANTITY: Pair • SIDES ADJUSTED: 2



MFG. NO.	DESCRIPTION
41-210	FIAT 500: 10mm
41-212	CHEVROLET, FORD, SAAB, TOYOTA, NISSAN VOLVO, CADILLAC, HYUNDAI, ISUZU: 12mm
41-214	ACURA, DODGE, HONDA, SATURN, TOYOTA INFINITY, PLYMOUTH, MITSUBISHI, CHRYSLER 200: 14mm
41-215	GEO, LEXUS, TOYOTA: 15mm
41-216	ACURA, BUICK, CHEVROLET, HONDA, LINCOLN, MERCURY, FORD, DODGE, PONTIAC: 16mm
41-217	LEXUS, TOYOTA: 17mm
41-218	ACURA, HONDA: 18mm
	41-210 41-212 41-214 41-215 41-216 41-217



➡ Light Truck/SUV Camber/Caster Tools, Accessories



Camber/Caster Tools (cont.)

HEAVY DUTY TRUCK ALIGNMENT SHIMS

- 1990 & newer Freightliner single slot adjustment shim
- INCLUDES: 12 pieces per package

ASCOT NO.	MFG. NO.	DESCRIPTION
246-43415	43-415	1/32"
246-43416	43-416	1/16"
246-43417	43-417	1/8"



IHC TORQUE ARM ADJUSTMENT SHIMS

■ INCLUDES: 12 pieces per package

ASCOT NO.	MFG. NO.	DESCRIPTION
246-43441	43-441	1/32"
246-43442	43-442	1/16"
246-43443	43-443	1/8"



HENDRICKSON ADJUSTABLE WALKING **BEAM SHIM KIT**

■ INCLUDES: 2x 5-Piece Kits Fach kit contains 2

ASCOT NO.	MFG. NO.	DESCRIPTION
of 1/8", 1	of 1/16" & 2	2 of 1/32"
ITILS - Luc	III KIL COIILL	11115 Z

246-43447	43-447	Hendrickson Adjustable
		Walking Beam Shim Kit



HEAVY DUTY TRUCK ALIGNMENT SHIMS

Kenworth air glide 8-bagger adjustment spacers

■ INCLUDES: 6 shims per package

ASCOT NO.	MFG. NO.	DESCRIPTION
246-43548	43-548	1/32"
246-43549	43-549	1/16"
246-43550	43-550	1/8"
246-43551	43-551	1/4"
246-43552	43-552	1/2"
246-43553	43-553	3/4"
246-43554	43-554	1"



FRONT LOWER CAMBER/CASTER ADJUSTABLE BALL JOINT

■ Fixes Common factory camber issue ■ Adjust ride height to restor facotry ride height and for camber change ■ Great for Fleet applications ■ Maximize your tire mileage ■ Tool No. 88-7313 is required to remove OE ball joint from knuckle ■ Quick and easy on vehicle adjusment • Greaseable Design - ADJUSTMENT

RANGE: +1° Camber to -.5° Camber ■ QUANTITY: 1 ■ SIDES **ADJUSTED:** 1 • CAUTION:

Check for proper clearance between ball stud and rim





ASCOT NO. MFG. NO.

Front Lower Camber/Caster Adjustable Ball Joint

FRONT CAMBER ADJUSTMENT BUSHINGS

Allows for adjustment where there is no OE adjustment available • Designed with hex head for ease of adjustment ■ Restores factory wheel alignment settings

■ Manufactured to exceed OEM durability standards



60320	231-60340

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-60320	44-6032	Front Camber Adjustment Bushing (Adjustment Range ± .5°)	JEEP GLADIATOR: 2020; JEE WRANGLER JL: 2018-2020
231-60340	44-6034	Front Camber Adjustment Bushing (Adjustment Range ± .1°)	JEEP GLADIATOR: 2020; JEE WRANGLER JL: 2018-2020





Camber/Caster Tools, Accessories

FORD TRUCK FIXED CAMBER/ **CASTER BUSHINGS**

• Fits the same applications as 5032 on the right • Adjust caster/camber or a combination of both from 0° to 2.75° either positive or negative, with easy to adjust "Multi-Slot" bushings



ASCOT NO.	MFG. NO.	DESCRIPTION
231-44499	44-4099	0°
231-44501	44-5001	.25°
231-44502	44-5002	.5°
231-44503	44-5003	.75°
231-44504	44-5004	1°
231-44505	44-5005	1.25°
231-44506	44-5006	1.5 °
231-44507	44-5007	1.75°
231-44508	44-5008	2°
231-44509	44-5009	2.25°
231-44510	44-5010	2.5°
231-44511	44-5011	2.75°

"UNI-WEDGE" 3-IN-1 HEAVY DUTY ZINC ALLOY CASTER WEDGE

■ Unique "break-off" feature allows shim to cover spring width of 4", 3-1/2" & 3" • LENGTH: 5-3/4"

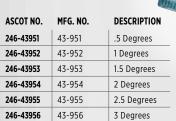
■ INCLUDES: 6 per package

43-957

43-958

246-43957

246-43958



3.5 Degrees

4 Degrees



Please conta information ALIGNMENT	ct us for more regarding PRODUCTS	

ADJUSTABLE LIGHT TRUCK BUSHINGS

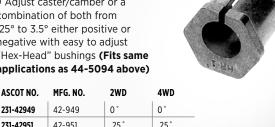
■ This New "DUAL AXIS" design allows for up to 25% greater range of adjustment and a "Tech Friendly" adjustment feature makes on-site vehicle adjustments a snap (standard socket fits easily & securely over inner hex adjuster for fast & accurate settings) ■ The universal adjustable design allows technician to

make any camber/caster or combination adjustment needed with just one part number, even True Zero

ASCOT NO.	MFG. NO.	DESCRIPTION	
231-44532	44-5032	0° to ± 3.25°, FORD: F-150 4x4 1980-96 F-250 4x4 1980-97, F-350, F-450, F-550 4x4 1992-96, F-250, F-350, F-450 4X4 1998-04, F-550 Super Duty 4x4 DODGE: 1994-02 - Ram 2500, 3500 4x4 1994-99 - Ram 2500, 3500 4x2 1994-02	
231-44535	44-5035	0° to ± 3.25°, FORD: 1983-89 Ranger & Bronco II 4X4	
231-44536	44-5036	0° to ± 2.5°, FORD: 2005-06 F-250 & F-350 4X4	
231-44537	44-5037	0° to ± 2.5°, FORD: 2005-06 F-450 & F-550 4X4 & 4X2, CHEVY: Kodiak (2005-06), GMC: Top Kick (2005-06)	
231-44594	44-5094	0° to ± 4°, FORD : Explorer 4x4 & 4x2 1991- 94 Ranger 4x4 & 4x2 1990-97 F-150, F250, F350 4X2 1987-96 Econoline Van 1992-05 Excursion 4x2 2000-05, F250, F350 Super Duty 4x2 1998-05, MAZDA : Navajo 4x4 & 4x2 1991-94. Pickup 4x4 & 4x2 1994-99	

FORD TRUCK FIXED CAMBER/CASTER BUSHINGS

■ Adjust caster/camber or a combination of both from .25° to 3.5° either positive or negative with easy to adjust "Hex-Head" bushings (Fits same applications as 44-5094 above)



ASCUI NU.	MFG. NO.	ZWD	4 W D
231-42949	42-949	0 °	0 °
231-42951	42-951	.25°	.25°
231-42952	42-952	.5°	3/8°
231-42953	42-953	.7°	.5°
231-42954	42-954	1°	.75°
231-42955	42-955	1.25°	7/8°
231-42956	42-956	1.5°	1°
231-42957	42-957	1.75°	1.25 °
231-42958	42-958	2°	1.5 °
231-42959	42-959	2.25°	1.75°
231-42960	42-960	2.5°	2°
231-42961	42-961	2.75°	2.25°
231-42962	42-962	3°	2.5°
231-42963	42-963	3.25°	2.75°
231-42964	42-964	3.5°	3°

Camber/Caster Tools, Accessories



ADJUSTABLE BALL JOINT

 Adjustable upper ball joints make front camber/caster adjustments easy on late model Honda and Acura ■ Sliding ball joint allows for greater camber changes than previously available ■ Sliding plate assembly is perfect for vehicles that have been lowered for performance or retain the factory ride - ADJUSTMENT: -1.50° to +1.50° • INSTALLATION TIME: .6 hours



227-40920

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
226-67125	67125	Honda/Acura Adjustable Ball Joint	ACURA: 1996 - 97 2.2CL, 1998 - 99 2.3CL, 1996 - 99 3.0CL, 2001-04 3.2CL, 1999 -2004 TSX; 1996-98 2.5 TL; 3.2 TL; HONDA: 1998 - 02 Accord, 1989 - 91 Civic & CRX, 1995 - 98 Odyssey
226-67165	67165	Honda/Acura Adjustable Ball Joint	ACURA: 1995 - 98 2.5TL, 1992 - 94 Vigor (front); HONDA: 1992 - 02 Prelude (Rear) 1992 - 1996 Prelude (Front)

HONDA CIVIC ADJUSTABLE CONTROL ARM

• Get your 8th and 9th generation Civic or Acura CSX & ILX track ready with SPC's 222-67475 forged aluminum adjustable rear camber arm • SPC forged aircraft grade aluminum arm weighs less than the OE arm it will replace ■ The arm is built with SPC's xAxis™ sealed flex joint to reduce compliance • Its' unique adjustment design permits on car adjustment of ±3° camber ■ Whether you need negative camber and reduced compliance for the track or want to get back to OE specifications after lowering, this is the arm for you • REAR ADJUSTMENT RANGE: Camber ± 3.0° ■ INSTALLATION TIME: .5 hr/side ■ REQUIRED: 1 per wheel

ASCOT NO.	MFG. NO.	DESCRIPTION
222-67475	67475	Honda Civic Adjustable Control Arm

PERFORMANCE BALL JOINT PRESS SET

Specifically designed to remove the original equipment ball joints on smaller cars such as Hondas and Acuras when installing SPC Performance's sliding **ball joints** • Can remove the ball joint from

the front upper control arm without removing the arm from the vehicle, saving time and cost ■ Packaged in a convenient blow-molded plastic case this set comes complete with adapters for both removing and installing stock or Specialty Product's sliding ball joints

ASCOT NO.	MFG. NO.	DESCRIPTION
227-40920	40920	Performance Ball Joint Set

FASTRAX™ COMPLETE ADJUSTABLE CAMBER/CASTER GAUGE

■ Portable, hands-free alignment can be done quickly and easily with the FasTrax™ Adjustable Camber/Caster Gauge stock or Specialty Product's sliding ball joints

ASCOT NO.	MFG. NO.	WHEEL SIZE
223-91000	91000	13 "- 18"

223-91000

FASTRAX™ CAMBER/ CASTER GAUGE

Add quick alignment checks to your fleet PMs ■ Save tire wear & fuel costs

ASCOT NO.	MFG. NO.	WHEEL SIZ
223-91040	91040	21" - 26"



231-00532

FORD/DODGE TRUCK ADJUSTABLE CAMBER/CASTER BUSHING

 Camber and caster adjustment up to +/- 2-3/4° ■ INSTALLATION TIME: .5 hours per side ■ 1 bushing per wheel

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
231-00532	532	Ford/Dodge Truck Adjustable Camber/Caster Bushing	FORD: 1980-1985 4WD F150 and Bronco, 1980-2000 4WD F250 and F350; DODGE: 1994- 1999 2WD/4WD 2500 Trucks, 1994-1999 4WD 3500 Trucks
231-00535	535	Ford Downsize Truck Adjustable Camber/Caster Bushing	FORD: 1983-1990 4WD Downsize Trucks
233-23120	23120	SET (9) 4WD CAM/CAS Sleeves. Set 23120 contains 23121 thru 23129	FORD 4WD: 1983 - 89 Bronco II; 1990 (Early) Bronco II; 1983 - 89 Ranger
233-23130	23130	SET (9) 4WD & RWD SLEEVES. Set contains one each of 23131 thru 23139	FORD 4WD: 1997 - 98 F250 (H/D), 1999 - 04 F250, F350, F450, F550, Super Duty 2000 - 05 Excursion, 1992 - 98 F350 Crew Cab; FORD RWD: 1999 - 04 F450, F550 Super Duty: PODGE 4WD: 1994 - 99

FORD COMBINATION SLEEVE PULLER

Pulls both O.E. and most aftermarket camber/ caster sleeves quickly and efficiently without damaging the ears of the sleeve • Heat treated high strength steel - Single-

unit design with no loose parts 247-77880 AS

ASCOT NO.	MFG. NO.	DESCRIPTION	APPLICATIONS
247-77880	77880	Ford Combination Sleeve Puller	FORD: Twin I-Beam w/ And Lower Ball Joints



BR2500, BR3500; **DODGE RWD:**

1994 - 02 BR3500 w/Mono Beam







Heavy Duty Truck Alignment Tools, Sets, Accessories

Heavy Duty Alignment

TRUCK AXLE SHIMS (HEAVY **DUTY ZINC ALLOY)**

■ Twice the coverage with half the inventory, these truck axle shims fit a variety of 2WD and 4WD vehicles with solid axles from full size Blazers to school buses ■ Measure the spring pad, break the shim off at the correct width and insert between the spring and axle • Available in 1/2° changes up to a 4° caster change, either positive or negative • Packaged six per box • Any solid axle 2 or 4 wheel drive vehicle

ASCOT NO.	MFG. NO.	WIDTH	DEGREE TAPER
243-00891	89199	3"-3-1/2"-4"	1/2°
243-00892	89299	3"-3-1/2"-4"	1°
243-00893	89399	3"-3-1/2"-4"	1-1/2°
243-00894	89499	3"-3-1/2"-4"	2°
243-00895	89599	3"-3-1/2"-4"	2-1/2°
243-00896	89699	3"-3-1/2"-4"	3°
243-00897	89799	3"-3-1/2"-4"	3-1/2°
243-00898	89899	3"-3-1/2"-4"	4°



One part number gives you six shims in a box

ASCOT NO.	MFG. NO.	WIDTH	DEGREE TAPER	BOX WT.
243-00841	84199	2-1/4"- 2-1/2"	1/2°	1-1/2 Lbs.
243-00842	84299	2-1/4"- 2-1/2"	1°	1-1/2 Lbs
243-00843	84399	2-1/4"- 2-1/2"	1-1/2°	2 Lbs.
243-00844	84499	2-1/4"- 2-1/2"	2°	2-1/4 Lbs.
243-00845	84599	2-1/4"- 2-1/2"	2-1/2°	2-3/4 Lbs.
243-00846	84699	2-1/4"- 2-1/2"	3°	2-3/4 Lbs.
243-00847	84799	2-1/4"- 2-1/2"	3-1/2°	3-1/4 Lbs.
243-00848	84899	2-1/4"- 2-1/2"	4°	3-1/4 Lbs.

243-00841

KENWORTH AIR GLIDE SPACER FOR EIGHT BAGGERS

ASCOT NO.	MFG. NO.	THICKNESS	QTY.
241-35001	35001	1/32"	6
241-35002	35002	1/16"	6
241-35003	35003	1/8"	6
241-35004	35004	1/4"	6
241-35005	35005	1/2"	6
241-35006	35006	3/4"	6
241-35007	35007	1"	6

TANDEM ALIGNMENT SET

■ GREAT STARTER KIT! ■ These alignment angle shims are now available in a heavy duty metal box to help you organize all of your shims - Packaged with a large variety of shims and an organization chart inside the lid to make reordering and organization of shims quick and easy

ASCOT NO.	MFG. NO.	DESCRIPT
246 76000	76000	Tandom /

Tandem Alignment Set 246-36000



TRUCK AXLE SHIMS

Packaged six per box

ACCOT NO. MEC. NO.

- Spring pad length and width is needed when placing orders
- Installation time: .5 hr./side



ASCOT NO. BRONZE	MFG. NO. Bronze	ASCOT NO. ALUMINUM	MFG. NO. ALUMINUM	WIDTH	DEGREE	LENGTH
241-04050	10404	241-04051	10405	2-1/2"	1/2°	5"
241-10410	10414	241-10411	10412	2-1/2"	1°	5"
241-10420	10424	241-10421	10422	2-1/2"	1-1/2°	5"
241-10430	10434	241-10431	10432	2-1/2"	2°	5"
241-10440	10444	241-10441	10442	2-1/2"	2-1/2°	5"
241-10450	10454	241-10451	10452	2-1/2"	3°	5"
241-10460	10464	241-10461	10462	2-1/2"	3-1/2°	5"
241-10470	10474	241-10471	10472	2-1/2"	4°	5"
241-05050	10504	241-05051	10505	3"	1/2°	6"
241-10510	10514	241-10511	10512	3"	1°	6"
241-10520	10524	241-10521	10522	3"	1-1/2°	6"
241-10530	10534	241-10531	10232	3"	2°	6"
241-10540	10544	241-10541	10542	3"	2-1/2°	6"
241-10550	10554	241-10551	10552	3"	3°	6"
241-10560	10564	241-10561	10562	3"	3-1/2°	6"
241-10570	10574	241-10571	10572	3"	4°	6"
241-06050	10604	241-06051	10605	3-1/2"	1/2°	6-1/4"
241-10610	10614	241-10611	10612	3-1/2"	1°	6-1/4"
241-10620	10624	241-10621	10622	3-1/2"	1-1/2°	6-1/4"
241-10630	10634	241-10631	10632	3-1/2"	2°	6-1/4"
241-10640	10644	241-10641	10642	3-1/2"	2-1/2°	6-1/4"
241-10650	10654	241-10651	10652	3-1/2"	3°	6-1/4"
241-10660	10664	241-10661	10662	3-1/2"	3-1/2°	6-1/4"
241-10670	10674	241-10671	10672	3-1/2"	4°	6-1/4"
241-07050	10704	241-07051	10705	4"	1/2°	6-1/2"
241-10710	10714	241-10711	10712	4"	1°	6-1/2"
241-10720	10724	241-10721	10722	4"	1-1/2°	6-1/2"
241-10730	10734	241-10731	10732	4"	2°	6-1/2"
241-10740	10744	241-10741	10742	4"	2-1/2°	6-1/2"
241-10750	10754	241-10751	10752	4"	3°	6-1/2"
241-10760	10764	241-10761	10762	4"	3-1/2°	6-1/2"
241-10770	10774	241-10771	10772	4"	4°	6-1/2"
-	-	241-10781	10782	4"	5°	6-1/2"



438 ALIGNMENT // HEAVY DUTY ALIGNMENT

Heavy Duty Truck Alignment Tools, Sets, Accessories



Heavy Duty Alignment (cont.)





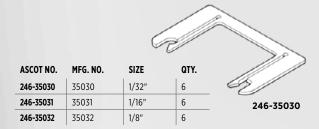
ASCOT NO MEG NO



246-35020

				~
-	246-35020	35020	1/32"	6
	246-35021	35021	1/16"	6
	246-35022	35022	1/8"	6

VOLVO/WHITE TANDEM SHIMS



I.H.C. TORQUE **ARM SHIMS**



ASCOT NO.	MFG. NO.	SIZE	QTY.	
246-35040	35040	1/32"	6	
246-35041	35041	1/16"	6	246-35040
246-35042	35042	1/8"	6	240 00040

SINGLE SLOT TANDEM TRUCK SHIMS

 Universal shims are installed at the ends of torque rod to change toe and/or thrust angles on Freightliner, Hendrickson and Navistar heavy duty tandem trucks and trailers



246-35060

ASCOT NO.	MFG. NO.	SIZE	QTY.
246-35060	35060	1/32"	6
246-35061	35061	1/16"	6
246-35062	35062	1/8"	6

FREIGHTLINER SHIMS FOR AIR GLIDE SUSPENSION

246-35070

Over-the-road heavy duty adjusters for fast and accurate means to align front or rear axles of popular tandem trailers and trucks • Reliable means to complete total heavy duty truck alignments

ASCOT NO.	MFG. NO.	SIZE	QTY.
246-35070	35070	1/32"	6
246-35071	35071	1/16"	6
246-35072	35072	1/8"	6

PETERBILT/ KENWORTH FLEX **AIR SUSPENSION SHIMS**

 Adjust thrust angle and toe by shimming the torque arms



ASCOT NO.	MFG. NO.	SIZE	QTY.
246-36010	36010	1/32"	6
246-36011	36011	1/16"	6
246-36012	36012	1/8"	6

Please contact us for more information regarding **HEAVY DUTY** TRUCK ALIGNMENT







Heavy Duty Truck Alignment Tools, Sets, Accessories

HENDRICKSON WALKING BEAM SHIMS

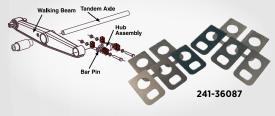
- O.E. style shims recommended by Hendrickson
- Offers three adjustments of 0, 3/16" and 3/8"



ASCOT NO.	MFG. NO.	QTY.
241-36080	36080	2
241-36085	36085	2

HENDRICKSON HD SHIMS

Shim kit will adjust the thrust angle on Hendrickson's "walking beam" rear tandem axle suspension ■ Improves tire wear and handling by adjusting thrust angle from 0" to 3/8" in precise 1/32" increments ■ INCLUDES: 2 (two)five piece kits • Requires one set per wheel



ASCOT NO.	MFG. NO.	DESCRIPTION		
241-36087	36087	Hendrickson HD Shims		

TIRE MATING SQUARE

- Checks for variance in dual tire mating
- Compare tire size by placing long arm against the side wall and short arm against tread



ASCOT NO. MFG. NO.

247-18440 91844

LENGTH: Long Arm 48", Short Arm 26"

TOE BAR WITH SCRIBE

 Gives toe readings (in 1/32 of an inch increments) by measuring distances between marks scribed at the center of the tire treads • INCLUDES:

8 ft. bar, 17 in. pointers, 5 in. stands and #WA516 scribe

 Reliable means to complete total heavy duty truck alignments

ASCOT NO.	MFG. NO.	DESCRIPTION
246-51100	99511	For Cars and Light Trucks
247-51200	99512	For Trucks, Buses, RVs, Vans

246-51100

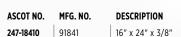
247-18410

246-18880

246-18910

TRUCK FRONT SLIP PLATE SET (PAIR)

- Used in conjunction with the WA515 toe gauge
- Steel slip plates allow the tire to move freely while the technician sets the toe



TRAILER TANDEM TRACKER

Used to aid in measuring the tracking of tandem axles in relationship to the kingpin suspensions and the front and rear axles on the tandem • Establishes a measuring point from the center of the wheel

ASCOT NO. MFG. NO. DESCRIPTION 246-18880 91888 Trailer Tandem Tracker Set (Pair)

TANDEM AXLE CALIPER

Used to check the spacing between the axles of tractors or trailers for alignment and tracking ■ Easy to read scale in both metric and inches, with a range of 72"

ASCOT NO.	MFG. NO.	DESCRIPTION		
246-18910	91891	Tandem Axle Caliper		



ALIGNMENT // HEAVY DUTY ALIGNMENT

Heavy Duty Truck Alignment Tools, Sets, Accessories

247-91877

247-91860



Heavy Duty Alignment (cont.)

I O PROFILE EXTENDER BARS

■ The 91887 Lo Profile Extender Bar is designed to lower the measuring point of the tandems from the hub so that measuring the tracing of low profile trailers, such as car carriers and moving vans can be easily done - Can be used with either the 91888 or the 91890 - Sold in pairs

DESCRIPTION ASCOT NO. MFG. NO.

91877 Lo Profile 247-91877 Extender Bars

S-CAM BUSHING **EXTRACTOR**



Offer S-Cam replacement with every brake job!

ASCOT NO. MFG. NO. DESCRIPTION 247-91860 91860 S-Cam Bushing Extractor

"U" BOLT EXTENSIONS

■ This extension set is used to measure the tandem axles on tractors in relationship to the front spring "U" **bolts** ■ The extenders establish a measuring point on the front axles so you can make accurate measurements

to the rear axle ■ Measurements "A" and "D" should be equal as well as measurements "B" and "C" if the vehicle is tracking correctly on the front axle Includes four extenders - two with 3/4" threads and

two with 7/8" threads ■ Use with 91877 or 91889 and 91888 or 91890

ASCOT NO. MFG. NO. 247-91896 91896 "U" bolt Extensions (4)

247-91896

TANDEM ALIGNMENT SYSTEMS - STEEL WHEELS

This is a simple method for tracking the rear dual tandems on trucks and tractors • INCLUDES: The 91896 "U" Bolt Extensions, a pair of Lo Profile Extension Bars (91877) and a pair of 91888 Tandem Trailer Trackers • With this system the technician

can easily check the A and D distances along with the B and C distances to see if the tandems are tracking correctly

ASCOT NO. MFG. NO. DESCRIPTION

247-91988 91988 Tandem Alignment Systems - Steel Wheels

TANDEM ALIGNMENT SYSTEMS -**ALUMINUM WHEELS**

 The 91990 is a simple method for tracking the rear dual tandems on trucks and tractors • INCLUDES:

The 91896 "U" Bolt Extensions, a pair of Lo Profile Extension Bars (91877) and a pair of 91890 Tandem Tracker Set for

Aluminum Wheels ■ With this system the technician can easily check the A and D distances along with the B and C distances to see if the tandems are tracking correctly

ASCOT NO. MFG. NO. 91990

247-91990

DESCRIPTION

Tandem Alignment Systems - Aluminum Wheels

247-91990

247-91988

HEAVY DUTY & OTR TOE BAR SET

■ INCLUDES: 10" extrahigh stands, two standard 11" pointers, two long 17" pointers,

an 8 ft. bar and 99516 scribe ASCOT NO. MFG. NO.

247-99515 99515

TOE BAR SET FOR LIGHT TRUCKS

■ INCLUDES: everything in the 99515 Toe Bar Set plus an additional pair of 5" stands

ASCOT NO. MFG. NO.

99517

Toe Bar Set for





BUYER'S GUIDE

247-08130

HEAVY DUTY ALIGNMENT // ALIGNMENT 441



Heavy Duty Truck Alignment Tools, Sets, Accessories

GM UPPER CONTROL ARM PUNCH

■ For removing the alignment inserts on the upper control arm alignment brackets without damaging the alignment bracket • Lubricate before use . Not for use with impact wrenches (air tools)



247-74910

236-45938

ASCOT NO. 247-74910

MFG. NO. 74910

DESCRIPTION

GM Upper Control Arm Punch

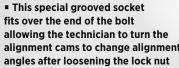
APPLICATIONS

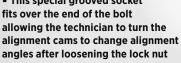
CHEVROLET/GM: 1989 - 1998 2WD/4WD C & K Series 1/2, 3/4 & 1 Ton Trucks.1991 & Up AWD Astro Vans

& AWD Safari Vans

CANYON/COLORADO SOCKET

Aligning these trucks can be difficult because it is impossible to access the head of the cam bolt to adjust alignment angles.





 This socket makes aligning these 4WD trucks much quicker and easier

ASCOT NO. MFG. NO. DESCRIPTION

236-45938 45938 Canyon/Colorado Socket

FORD SUPER DUTY TIE ROD SLEEVE ADJUSTER

Super Duty chassis as well as most other light trucks and vans • Extra long bar gives you maximum leverage to loosen rusted sleeves without injuring your knuckles ■ 8-position tool allows 360° rotation without removing the adjuster block from the sleeve



ASCOT NO. 236-77350

MFG. NO. 77350

Ford Super Duty Tie Rod Sleeve Adjuster

DESCRIPTION

AIR BLADDER CAMBER **ADJUSTING TOOL**

■ Air-assisted, multiple camber adjustment tool makes camber adjustment on many GM and Chrysler vehicles



easier - Simply loosen the strut mount bolts, place the adjuster between the tire and strut, and inflate • To adjust camber slowly release the air until the wheel retracts to the specified alignment setting, tighten bolts and the alignment is done • INCLUDES: A specially designed, puncture resistant air bladder, 2' air hose, a low pressure pop-off valve to prevent overinflating and an air control valve for inflating and controlled deflating

ASCOT NO. MFG. NO. DESCRIPTION

DOWTC614 228-61400 Air Bladder Camber Adjusting Tool

H/D STEEL WHEEL RIM STRAIGHTENING TOOL

■ For quick and easy removal of indentations on wheel flanges and rims of most vehicles

■ Allows proper tire seating, giving greater tire protection and durability

Powder coated for added durability

DESCRIPTION ASCOT NO. MFG. NO. 247-08130 81309 H/D Steel Wheel Rim Straightening Tool

INNER TIE ROD END WRENCH SET

■ SET INCLUDES: #89105: Dual socket inner tie rod removal tool, fits 1-3/16" or 1-5/16" hex inner tie rod ends; #89106: A 1-3/16" hex tool for inner tie rod ends on Ford Escort, Tempo, Topaz, Lynx; #89107: A 1-5/16" hex tool designed for inner tie rod ends on 1986 & up Taurus/Sable: #89108: A 1-7/16" hex tool designed for GM Saginaw rack and pinions • CAUTION: Not for use with impact wrenches (air tools)

ASCOT NO. MFG. NO. DESCRIPTION 227-89000 89000 Inner Tie Rod End Wrench Set

TURNTABLES (PAIR)

■ Full floating with enclosed ball bearings ■ Large, easy to read dial is quickly adjusted to zero

Ideal for racks, pits, floor units or stands ■ For cars and light trucks

■ **DIMENSIONS:** 11" x 15-1/2" x 2"; **WEIGHT** LIMIT: 5,000 Lbs./wheel - RANGE: 100°

ASCOT NO. MFG. NO. DESCRIPTION 217-00750 99750 Turntables (Pair)



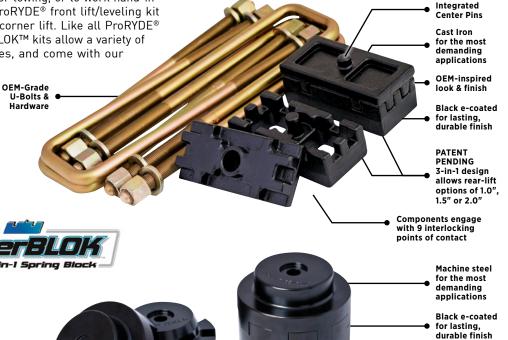


442 ALIGNMENT // HEAVY DUTY ALIGNMENT

Leaf Spring & Coil Spring Suspensions, Lift Machine

LEAF SPRING & COIL SPRING SUSPENSIONS

ProRYDE® SuperBLOK™ 3-in-1 rear leaf spring blocks will safely lift the rear of your truck 1' 1-1/2" or 2", your choice! SuperBLOK™ is designed to put a slight rake back in your leveled truck for hauling or towing, or to work hand-inhand with your ProRYDE® front lift/leveling kit for a complete 4-corner lift. Like all ProRYDE® products, SuperBLOK $^{\text{TM}}$ kits allow a variety of ride height choices, and come with our lifetime warranty.



Components engage with 9 interlocking points of contact

LIFTMACHINE™

LIFTmachine™ is the product that launched the adjustable lift kit revolution! While our competitors provide a "non-adjustable" solution. LIFTmachine™ is easily installed in the most compact position possible, then simply adjusted to your liking all the way to 3" (varying by make and model).



10.9 grade studs and hardware Helix-Drive design for height adjustments from 1-1/2" to 3" (Varying by make/model) High-strength steel for super duty service

No spring disassembly required, mounts in most compact position, then adjusted on the vehicle to your preference

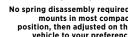
Patented on-thevehicle adjustment 1/2" drive tools

> Jam nut securely locks in adjustments

PATENT PENDING 3-in-1 design allows rear-lift options of 1.0", 1.5" or 2.0"

> Full 1/4" thick top and base plates

Socket reliefs for easy connection to OEM studs



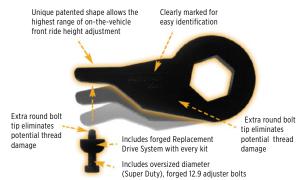




TORSION BAR KEYS

Forged Duck Head™ Torsion Bar Keys are like no other aftermarket torsion key front lift and leveling kit. Competitive products have simply mirrored the shape of the original key, and "indexed" or changed the position of the hex to put more initial preload on the torsion bar. We went through the painstaking process of redesigning the entire adjustment system, as well as the shape of the key itself. We're the only aftermarket torsion key manufacturer that includes a complete forged replacement drive system and bolts with every kit we sell.





			MAX TIRE DIA.	FRONT LIFT/LEVELING KIT			REAR LIFT KIT		KIT	
YEAR	MAKE/MODEL	2WD/4WD		SUSP. TYPE	LIFT MACHINE#	DUCK HEAD #	FRONT LIFT	SUSP. TYPE	SUPERBLOK X	REAR LIFT
					CHEVROLET,					
02-06	Avalanche 1500 (6-Lug)	2WD/4WD	33"	Torsion		64-1000G	Up to 3.0"	Coil	56-1100G*	1.0", 1.5", 2.0"
07-13	Avalanche 1500 (6-Lug)	2WD/4WD	32"	Strut	74-1000G		2.0" to 3.0"	Coil	56-1100G*	1.0", 1.5", 2.0"
02-10	Avalanche 2500 (8-Lug)	2WD/4WD	33"	Torsion		64-1200G	Up to 2.5"	Leaf	52-1200G*	1.0", 1.5", 2.0"
99-06	Sierra/Silverado L.D.1500 (6-Lug)	2WD	0E					Leaf	52-1000G*	1.0", 1.5", 2.0"
99-06	Sierra/Silverado L.D.1500 (6-Lug)	4WD	33"	Torsion		64-1000G	Up to 3.0"	Leaf	52-1000G*	1.0", 1.5", 2.0"
07-13	Sierra/Silverado L.D.1500 (6-Lug)	2WD/4WD	32"	Strut	74-1000G		2.0" to 3.0"	Leaf	52-1000G*	1.75", 2.25", 2.75'
99-10	Sierra/Silv. H.D. 1500/2500 (8-Lug)	2WD/4WD	33"	Torsion		64-1200G	Up to 2.5"	Leaf	52-1200G* (1)	1.0", 1.5", 2.0"
02-10	Sierra/Silverado 3500 (8-Lug)	2WD/4WD	33"	Torsion		64-1200G	Up to 2.5"	Leaf	52-1200G* (1)	1.0", 1.5", 2.0"
11-13	Sierra/Silverado 2500/3500 (8-Lug)	2WD/4WD	33"	Torsion		64-1400G	Up to 2.25"	Leaf	52-1400G* (1)	1.0", 1.5", 2.0"
00-06	Suburban/Yukon XL 1500 (6-Lug)	2WD/4WD	33"	Torsion		64-1000G	Up to 3.0"	Coil	56-1100G*	1.0", 1.5", 2.0"
07-13	Suburban/Yukon XL 1500 (6-Lug)	2WD/4WD	32"	Strut	74-1000G		2.0" to 3.0"	Coil	56-1100G*	1.0", 1.5", 2.0"
00-10	Suburban/Yukon XL 2500 (8-Lug)	2WD/4WD	33"	Torsion		64-1200G	Up to 2.5"	Leaf	52-1200G*	1.0", 1.5", 2.0"
96-06	Tahoe/Yukon (6-Lug)	2WD/4WD	33"	Torsion		64-1000G	Up to 3.0"	Coil	56-1100G*	1.0", 1.5", 2.0"
07-13	Tahoe/Yukon (6-Lug)	2WD/4WD	32"	Strut	74-1000G		2.0" to 3.0"	Coil	56-1100G*	1.0", 1.5", 2.0"
02-09	Trailblazer/Envoy/Bravada	2WD/4WD	0E					Coil	56-1100G*	1.0", 1.5", 2.0"
					DODGE					, , ,
02-05	Ram 1500 2WD	2WD	0E					Leaf	52-2000D*	1.0", 1.5", 2.0"
06-08	Ram 1500 2WD	2WD	34"	Coil	71-2200D*		1.5", 2.0", 2.5"	Leaf	52-2000D*	1.0", 1.5", 2.0"
09-12	Ram 1500 2WD	2WD	33"	Coil	71-2200D*		1.5", 2.0", 2.5"	Coil	56-2100D*	1.0", 1.5", 2.0"
94-01	Ram 1500 4WD	4WD	35"	Coil	71-2500D*		1.5", 1.75",2.0"	COII	30 21005	1.0 , 1.3 , 2.0
02-05	Ram 1500 4WD	4WD	35"	Torsion	71 23000	64-2000D	Up to 2.25"	Leaf	52-2000D*	1.0", 1.5", 2.0"
06-08	Ram 1500 4WD	4WD	35"	Strut	74-2000D	04 20000	2.0" to 3.0"	Leaf	52-2000D*	1.0", 1.5", 2.0"
09-12	Ram 1500 4WD	4WD	35"	Strut	74-2000D 74-2000D		2.0" to 3.0"	Coil	56-2100D*	1.0", 1.5", 2.0"
03-12	Ram H.D. 2500/3500 (8-Lug) 2WD	2WD	0E	Strut	74-20000		2.0 10 3.0	Leaf	52-2500D* (1)	1.0", 1.5", 2.0"
94-02	Ram H.D. 2500/3500 (8-Lug)	4WD	35"	Coil	71-2500D*		1.5", 1.75",2.0"	Leai	32-2300D (I)	1.0 , 1.3 , 2.0
94-02 03-13		4WD 4WD	35"	Coil	71-2500D*			Leaf	F2 2F00D* (1)	10" 15" 20"
10-13	Ram H.D. 2500/3500 (8-Lug)	4WD 4WD			71-2500D*		1.5", 1.75",2.0"	Ledi	52-2500D* (1)	1.0", 1.5", 2.0"
	Ram H.D. 4500/5500		0E	Coil			1.5", 1.75",2.0"			
06-13	Ram Mega Cab (8-Lug)	4WD	35"	Coil	71-2500D*		1.5", 1.75",2.0"			
97-02	Expedition	4WD	33"	Tavaian	FORD	64-3000F	Up to 2.5"			
	· ·			Torsion	74 70005	64-3000F				
03-11	Expedition	2WD/4WD	35"	Strut	74-3000F	64 70005	2.0" to 3.0"			
97-04	F150/F250 L.D. Incl. Heritage	4WD	33"	Torsion	74 70005	64-3000F	Up to 2.5"		F0 7100F±	10" 15" 00"
04-12	F150 2WD	2WD	33"	Strut	74-3200F		1.5" to 2.25"	Leaf	52-3100F*	1.0", 1.5", 2.0"
04-13	F150	4WD	35"	Strut	74-3000F		2.0" to 3.0"	Leaf	52-3000F*	1.0", 1.5", 2.0"
09-13	F150	4WD	35"	Strut	74-3200F		1.5" to 2.25"	Leaf	52-3000F*	1.75", 2.25", 2.75"
05-10	F250 Super Duty	4WD	37"	Coil	71-3500F*		2.0", 2.5"	Leaf	52-3501F* (1)	1.0", 1.5", 2.0"
11-13	F250 Super Duty	4WD	37"	Coil	71-3500F*		2.0", 2.5"	Leaf	52-3503F* (1)	1.0", 1.5", 2.0"
05-10	F350 Super Duty	4WD	37"	Coil	71-3500F*		2.0", 2.5"	Leaf	52-3502F* (1)	1.0", 1.5", 2.0"
11-13	F350 Super Duty	4WD	37"	Coil	71-3500F*		2.0", 2.5"	Leaf	52-3504F* (1)	1.0", 1.5", 2.0"
08-13	F450/F550 Super Duty	4WD	35"	Coil	71-3500F*		2.0", 2.5"			
					TOYOTA	\				
03-09	4Runner	2WD/4WD	32"	Strut	71-5500T*		1.5", 2.0", 2.5"			
10-13	4Runner	2WD/4WD	32.5"	Strut	71-5500T*		2.0", 2.5", 3.0"			
07-12	FJ Cruiser	2WD/4WD	32"	Strut	71-5500T*		1.5", 2.0", 2.5"			
08-12	Sequoia	2WD/4WD	33"	Strut	74-5000T		2.0" to 3.5"			
05-12	Tacoma/PreRunner	2WD/4WD	32.5"	Strut	71-5500T*		1.5", 2.2", 2.75"	Leaf	52-5000T*	1.0", 1.5", 2.0"
07-13	Tundra	2WD/4WD	33"	Strut	74-5000T		2.0" to 3.5"	Leaf	52-5000T*	1.0", 1.5", 2.0"

*Multi-Adjustable Kit: Adjusted PRIOR to installation

(1) For use ONLY on SRW, non-dually & non-camper applications





Automotive Alignment Equipment

DWA1000XL WHEEL ALIGNMENT SYSTEM

The CEMB DWA1000XL wireless alignment system utilizes 8 Sensor CCD Technology and MEMS static accelerometers, providing the latest in measuring technology. CEMB's DWA 1000 total vehicle wheel alignment machine improves safety and driver comfort, reduces fuel consumption and tire wear. Comes fully assembled.

- ADVANCED DESIGN: 8 sensor CCD technology and DSP processing
- RECHARGEABLE, LIGHTWEIGHT **ALIGNMENT HEADS:** Four shockresistant BT2 wireless rechargeable alignment heads with charging station standard, alignment heads are featherweight at only 5.75 lb. each)
- LONG BATTERY LIFE: Lithium ion batteries for long life
- NEWEST MEASURING TECHNOLOGY: MEMS static accelerometers provide the latest in measuring technology
- WHEEL CLAMPING RANGE: 24" wheel clamping range* (30" optional)

- SPOILER MODE
- COMPLETE DATABASE: Complete vehicle and customer database with alignment specification 40+ years
- EASY TO USE: User friendly software to guide technician, Windows based software with multiple languages
- STANDARD ACCESSORIES: Laptop computer, color printer and storage cabinet standard, 24" LCD monitor
- Optional VIN barcode scanner





BUYER'S GUIDE

DWA1000XL Wheel Alignment System

DWA1000XL

203-10003

ASCOT SUPPLY CORPORATION **AWARNING:** For more information go to www.P65Warnings.ca.gov. SUPPLY CORPORATION

ALIGNMENT // AUTOMOTIVE ALIGNMENT EQUIPMENT

DWA3500 3D HIGH DEFINITION WHEEL ALIGNMENT SYSTEM

DWA3500 is the new 3D wheel alignment system for cars and light commercial vehicles, with a completely redesigned cabinet with drawers and housings for printer and accessories, an easy accessibility for maintenance and an advanced software. The 3D camera support beam is motorized and fully automated. Camera beam height is automatically adjusted to the height of lift. The software system, entirely developed by CEMB, guides the user through all the alignment operations with clear and user-friendly graphics. **SNAPSHOTS OF THE DWA3500 3D HIGH DEFINITION WHEEL** ALIGNMENT SYSTEM:



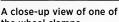
The DWA3500 features auto-track technology which allows the cameras to automatically follow the car up and down on the lift as well as the ability to perform a lifted or rolling runout.



TOWER FOLLOWS TARGETS: Tower automatically follows the targets as the vehicle is raised to different heights

- COMPLETE DATABASE: Complete 30+ year vehicle database with customization capability
- EASY TO USE: Simple and user-friendly software
- STANDARD ACCESSORIES: Includes 24" LED monitor, color printer and new stationary cabinet
- Optional barcode VIN scanner





A front-mounted

included, as well as

a camera to assist

you when driving

LCD display is

onto the rack.



the wheel clamps.

A bardcode VIN scanner is an optional add-on.



ASCOT NO. MFG. NO.

203-35000

DESCRIPTION

DWA3500

DWA3500 Wheel Alignment System with Automatic Camera Beam

446 ALIGNMENT // AUTOMOTIVE ALIGNMENT EQUIPMENT

Strut Tamer, Strut Spring Compressor, Radial Runout Gauge

Automotive Alignment Equipment (cont.)



OTC STRUT TAMER EXTREME

Extreme duty design to handle the heavier springs found on mid- and some full-size truck strut assemblies • New frame includes cross bracing at arm mount locations standard. This eliminates frame flex when compressing heavier springs • 2:1 REDUCTION GEARBOX - STANDARD: . Allows for a 2:1 torque compression increase when compressing struts • LOCK RINGS TO HOLD ARMS IN POSITION - STANDARD: This eliminates arms from spreading or sliding when compressing offset or unique strut configurations Four-point locking jaws securely hold the spring in place ■ Open-ended design means you can take the strut in and out, quickly and easily • The arms adjust in and out, up and down, to accept many sizes of springs



ASCOT NO.	MFG. NO.	DESCRIPTION	WEIGHT
228-06582	6582	StrutTamer Stand	61 lb.
228-06591	6591	StrutTamer Extreme	80 lb.
228-06592	6592	StrutTamer Extreme w/ Stand	144 lb.
243-00894	89499	WIDTH: 3"-3-1/2"-4", DEGREE T	APER: 2°

BRANICK STRUT SPRING COMPRESSOR

■ Known as "the standard in the industry," the 7600 handles the heaviest coilover-shocks, on light trucks and SUV's, without needing additional adapters ■ It also has longer handles for extra torque • The multi-positions upper spring hooks can be arranged for ultimate flexibility to fit "factory" coil spring configurations ■ It has a longer compression stroke that can even handle the Jeep KX Cherokee Trailhawk and an integrated structural ring guard • Whether long, short, narrow, or angled, the 7600 will get it done



■ MADE IN THE U.S.A.

ASCOT NO.	MFG. NO.	DESCRIPTION	228-00761
228-07600	7600	Strut Spring Compressor	
228-00761	761	Bench Mount for Strut Spring Compressor	
228-00764	764	Mobile Cart for Strut Spring Compressor	



rim or the tread. Tire and wheel radial runout are often factors in troubleshooting ride and handling and in maintaining correct wheel balancing to reduce vibration. ■ Measures vehicle vibration

sensitivity • Measures out of round condition • EASY TO USE: only 2 adjustments ■ Pinpoints high or low spots in the tire • Determines accurate centering of tire and wheel mounting

ASCOT NO. DESCRIPTION MFG. NO. Radial Runout Gauge

